

# MAJOR OCCUPATION GROUP

# CONSTRUCTION & EXTRACTION

Almost four out of five *Construction* and *Extraction* jobs are middle-skilled. The top three middle-skill *Construction* and *Extraction* occupations with the most projected annual openings are *Carpenters*, *Electricians*, and *First-Line Supervisors of Construction Trades and Extraction Workers*. These three occupations combined are projected to have over 4,700 annual job openings through 2030.

## Middle-Skill Top Construction and Extraction Occupations by Annual Openings

Occupations	2020 Estimated Employment	2030 Projected Employment	Annual Openings		2020 Mean Wages
			Growth	Total	
Carpenters	20,560	21,657	110	<b>2,043</b>	\$60,100
Electricians	12,829	14,978	215	<b>1,640</b>	\$61,490
First-Line Sup. of Const. Trades & Extraction Workers	9,997	11,000	100	<b>1,077</b>	\$76,480
Plumbers, Pipefitters, & Steamfitters	8,411	9,448	104	<b>1,006</b>	\$64,910
Operating Engineers & Other Const. Equip. Operators	7,816	8,524	71	<b>924</b>	\$57,360
Painters, Construction & Maintenance	6,435	6,911	48	<b>620</b>	\$55,010
Highway Maintenance Workers	5,496	5,678	18	<b>587</b>	\$36,820
Construction & Building Inspectors	3,567	3,718	15	<b>433</b>	\$60,870
Sheet Metal Workers	4,116	4,443	33	<b>426</b>	\$60,810
Cement Masons & Concrete Finishers	4,301	4,443	14	<b>408</b>	\$54,330

Skill requirements for occupations can be divided into *common skills* and *specialized skills*. Common skills are applicable across many different industries and occupations and are also known as “soft” skills. The top common skills for *Construction* and *Extraction* occupations include *Communications* and *Customer Service*. Specialized skills are more specific to an occupation and are also known as “technical” or “hard” skills. The top specialized skills for *Construction* and *Extraction* occupations include *Construction*, *Painting*, and *Carpentry*.

### Top Skills

#### Top Common Skills

Communications  
Customer Service  
Operations  
Lifting Ability  
Troubleshooting

#### Top Specialized Skills

Construction  
Painting  
Carpentry  
Hand Tools  
Powerj Tool Operations

### Top Certifications

Certified Nursing Assistant  
Certified Medical Assistant  
First Aid CPR AED  
Basic Life Saving (BLS)  
Basic Cardiac Life Support Certification

### Apprenticeship Occupations

Occupation	2020 Mean Wages	Annual Total Openings
Carpenters	\$60,100	2,043
Electricians	\$61,490	1,640
Plumbers, Pipefitters, & Steamfitters	\$64,910	1,006
Sheet Metal Workers	\$60,810	426
Brickmasons & Blockmasons	\$68,100	200
Structural Iron & Steel Workers	\$55,920	132
Insulation Workers, Mechanical	\$54,490	115
Glaziers	\$64,930	115
Millwrights	\$69,730	64
Boilermakers	\$55,720	40
Terrazzo Workers & Finishers	\$72,640	20
Musical Instrument Repairers & Tuners	\$41,610	19
Stonemasons	\$42,210	11

Many occupations that typically require apprenticeship programs are *Construction* occupations. Of the top 10 middle-skill *Construction* occupations with the highest annual openings, four typically require Registered Apprenticeship programs. Apprenticeships offer employees the opportunity to earn money and receive on-the-job training while working toward a nationally recognized credential.